



GP 3738

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Carlyle et al.

Serial No.: 09/186,810

Filed : November 5, 1998

For : PROSTHESIS WITH ASSOCIATED  
GROWTH FACTORS

Docket No.: S16.12-0052

Group Art Unit: 3738

Examiner: P. Prebilio

7/B  
9/18

## AMENDMENT AND RESPONSE

## Box Non-Fee Amendment

Assistant Commissioner for Patents  
Washington, D.C. 20231I HEREBY CERTIFY THAT THIS PAPER IS BEING  
SENT BY U.S. MAIL, FIRST CLASS, TO THE  
ASSISTANT COMMISSIONER FOR PATENTS,  
WASHINGTON, D.C. 20231, THIS

5 DAY OF September, 2000

Usah Choswick  
PATENT AGENT

Sir:

In response to the Office Action mailed on June 5, 2000, please enter the following amendment and consider the following remarks.

IN THE CLAIMS

Please cancel claims 2 and 5-7. Please amend claim 1 as follows:

1. (Twice Amended) A prosthesis comprising a substrate and a polypeptide growth factor associated with the substrate by [chemical binding] covalent bonding using crosslinking agents, or noncovalent bonding characteristic of antibody-antigen, specific binding protein-receptor and enzyme-substrate associations, the polypeptide growth factor being effective to stimulate association of viable cells with the substrate.

REMARKSRECEIVED  
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